



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1623  
#5 P.B.  
3/7/02

Attorney Docket No.: PTQ-0037  
Inventors: Van Eyk et al.  
Serial No.: 09/934,297  
Filing Date: August 21, 2001  
Examiner: Not Yet Assigned  
Group Art Unit: 1623

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TECH CENTER 1600/2900

Title: Methods and Kits for Separation and  
Detection of Proteins in Biological  
Samples

I, Kathleen A. Tyrrell, Registration No. 38,350, certify that this  
correspondence is being depositing with the U.S. Postal Service as  
First Class mail in an envelope addressed to the Assistant Commissioner for  
Patents and Trademarks, Washington, D.C. 20231.

On this date: February 12, 2002

*Kathleen A. Tyrrell*  
Kathleen A. Tyrrell, Registration No. 38,350

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

#### INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R.  
§§1.97-1.98, information relating to the above-identified  
application is hereby disclosed. Inclusion of information in  
this statement is not to be construed as an admission that this  
information is material as that term is defined in 37 C.F.R.  
§1.56(b).

(XX) In accordance with §1.97(b), since this Information  
Disclosure Statement is being filed either within three  
months of the filing date of the above-identified  
application, within three months of the date of entry into

the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

- ( ) In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:

- ( ) Certification in Accordance with §1.97(e) is set forth below; or

- ( ) The fee of \$180.00 as set forth in §1.17(p) is attached.

- ( ) In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(i)(1).

(XX) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

- ( ) In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously

submitted to the U.S. Patent and Trademark Office in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

( ) The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

Respectfully submitted,



Kathleen A. Tyrrell  
Registration No. 38,350

Date: February 12, 2002

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Sheet 01 of 01

Form PTO-1449 Modified  List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce		Docket No. <b>PTQ-0037</b>	Serial No. <b>09/934,297</b>
		Applicant <b>Van Eyk et al.</b>	
		Filing Date <b>August 21, 2001</b>	Group <b>1623</b>
		MAR - 6 2002 TECH CENTER 1600/2900	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
AA	Katrukha et al., "Degradation of cardiac troponin I: implication for reliable immunodetection", <i>Clinical Chemistry</i> 1998 44:12 2433-2440		
AB	Marshall T., "Sodium Dodecyl Sulfate Polyacrylamide Gel Electrophoresis of Serum after Protein Denaturation in the Presence or Absence of 2-Mercaptoethanol", <i>Clin. Chem.</i> 1984 30/3 475-479		
AC	Marshall et al., "Two-dimensional electrophoresis of human serum proteins following acute myocardial infarction", <i>Electrophoresis</i> 1989 10:584-588		
AD	Marshall T., "Electrophoresis of serum isoenzymes and proteins following acute myocardial infarction", <i>Journal of Chromatography</i> 1991 569:323-345		
AE	Shi et al., "Degradation of Cardiac Troponin I in Serum Complicates Comparisons of Cardiac Troponin I Assays", <i>Clinical Chemistry</i> 1999 45:7 1018-1025		
AF	Van Eyk et al., "Breakdown and Release of Myofilament Proteins During Ischemia and Ischemia/Reperfusion in Rat Hearts - Identification of Degradation Products and Effects on the pCa-Force Relation", <i>Circ Res.</i> 1998 82:261-271		
AG	Wu et al., "Characterization of cardiac troponin subunit release into serum after acute myocardial infarction and comparison of assays for troponin T and I", <i>Clinical Chemistry</i> 1998 44:6 1198-1208		
EXAMINER		DATE CONSIDERED	